

LITERATURE CITED

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NOTES AND NEWS

NOTES ON TWO RARE, ENDEMIC SPECIES FROM THE KLAMATH REGION OF NORTHERN CALIFORNIA, *PHACELIA DALESIANA* (HYDROPHYLLACEAE) AND *RAILLARDELLA PRINGLEI* (COMPOSITAE). — *Phacelia dalesiana* J. T. Howell was originally described from a population in the Scott Mountains at what is now Scott Mountain Summit on Highway 3 in Trinity County (Howell, J. T., 1937. Leafl. W. Bot. 2:51-52). The second known locality for this species was found 31 km to the south in the Trinity Alps (7 July 1975; *J. M. Di Tomaso 109*, DAV). The population consists of 700-1,000 individuals and is scattered in open Red Fir Forest at 2,011 m along the trail from Deer Flat to Shimmy Lake, 9.6 km WNW of Trinity Center; T36N, R8W, Section 5, NW-¼ (41°0'50"N, 122°48'40"W). Additional specimens have been deposited at CAS, HSC, and JEPS (8 July 1976; *Ferlatte and Di Tomaso 1776*).

Raillardella pringlei Greene was first collected by Pringle in 1881 from the "mountains about the head waters of the Sacramento River" in Siskiyou County and described by E. L. Greene (Bull. Torrey Bot. Club 9:15-17, 1882; isotype: CAS!). It has also been collected in the same general area near Gumboot Lake 12 km south of Mt. Eddy (*D. Barbe 538*, CAS, JEPS). Ferlatte (*A Flora of the Trinity Alps of Northern California*, Univ. Calif. Press, Berkeley, pp. 50-51, 1974) reported this species from Union Creek and Landers Creek in Trinity County at elevations from 6,500-7,200 ft. (1980-2195 m). Further field work in the Trinity Alps has shown *Raillardella pringlei* to be relatively common in the Swift Creek drainage and to occur as low as 1,295 m (*J. Di Tomaso 640*, CAS, DAV, and HSC). J. L. Strother obtained chromosome counts of $2n = 17$ II from populations on Union Creek (*Ferlatte 1805, 1806*) and Landers Creek (*Ferlatte 1812*). Vouchers have been deposited at HSC, JEPS, RSA, and UC. In all cases where *Raillardella pringlei* has been observed in the field it occurs in wet places such as stream banks or boggy areas, usually among serpentine rocks or in soils derived from serpentine or related ultramafics. Associated genera include the following: *Darlingtonia*, *Caltha*, *Schoenolirion*, *Carex*, *Adiantum*, and *Dodecatheon*. I thank Joseph M. Di Tomaso and John L. Strother for their contributions to the data presented here. — WILLIAM J. FERLATTE, California Dept. of Agriculture, 3288 Meadowview Rd., Sacramento, CA 95832.